**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**Form PTO-1449 (Modified)
Use several sheets if necessary)

1

of

1

COMPLETE IF KNOWN

Application Number	09/893,315
Confirmation Number	2812
Filing Date	June 26, 2001
First Named Inventor	Timothy Reardon
Group Art Unit	1734
Examiner Name	Jerry A. Lorengo
Attorney Docket No.	29195-8161US

RECEIVED
DEC 27 2002
TC 1700**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Figures Appear
		NUMBER	Kind Code (if known)			
GRK		4,339,297		Aigo	07/13/82	
		4,788,994		Shinbara	12/06/88	
		5,085,560		Thompson et al.	02/04/92	
		5,168,887		Thompson et al.	12/08/92	
		5,222,310		Thompson et al.	06/29/93	
		5,235,995		Bergman et al.	08/17/93	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				
GRK	-	JP	*55-069817		Fujitsu Ltd.	05/26/80		
	-	JP	*55-174652		Hitachi Ltd.	03/03/83		
	-	JP	*61-139314		Electro Plating Engineers of Japan Ltd.	12/24/87		
	-	JP	*63-153839		Dainippon Screen Mfg Co.	06/27/88		
	-	JP	*62-36974		Kansai NEC Corp.	09/21/88		
	-	JP	*62-66262		Hitachi Ltd.	09/28/88		
	-	JP	*62-194881		Sanyo Electric Co. Ltd.	02/09/89		
	-	JP	*62-278528		Mitsubishi Electric Corp	05/12/89		
	-	JP	*01-129156		NEC Corp	05/22/89		
	-	JP	*63-165764		Fujitsu Ltd.	01/19/90		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
GRK		PATTON, Evan E., "Automated Gold Plate-Up Bath Scope Document and Machine Specifications," Tektronix, August 4, 1989; pp 1-13.	

EXAMINER

DATE CONSIDERED

11/14/01

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

Please type a plus sign (+) inside this box → +

PTO/SB/08A
Approved for use through 10/31/99 OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

RECEIVED
JAN 18 2002
100

OYPE
JAN 15 2002
PATENT & TRADEMARK OFFICE

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/893,315
Confirmation Number	2812
Filing Date	06/26/2001
First Named Inventor	Timothy J. Reardon et al.
Group Art Unit	1734
Examiner Name	
Attorney Docket No.	29195.8161US

1 of 6

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
GRK	•	2,774,364		Brobeil	12/18/56	
	•	3,107,034		Dunnous	10/15/63	
	•	3,148,085		Wiegmann	9/8/64	
	•	3,313,266		Kelson	4/11/67	
	•	3,326,717		Gregor et al.	6/20/67	
	•	3,339,297		Stinn et al.	9/5/67	
	•	3,489,608		Jacobs et al.	1/13/70	
	•	3,585,668		Jaccodine et al.	6/22/71	
	•	3,601,627		Booher	8/24/71	
	•	3,727,620		Orr	4/17/73	
	•	3,773,578		Glendinning et al.	11/20/73	
	•	4,056,462		Li et al.	11/1/77	
	•	4,065,692		Osterhout	12/27/77	
	•	4,085,560		McClosky	4/25/78	
	•	4,094,884		Kelly	6/13/78	
	•	4,127,362		Fladby	11/28/78	
	•	4,139,333		Sipos	2/13/79	
	•	4,159,917		Gluck	7/3/79	
	•	4,161,356		Giffin et al.	7/17/79	
	•	4,168,886		Grigaliunas	9/25/79	
	•	4,168,887		Yevick	9/25/79	
	•	4,183,508		Michelet et al.	1/15/80	
	•	4,192,087		Salomon	3/11/80	
	•	4,222,345		Bergfelt et al.	9/16/80	
	•	4,224,503		Gijzel et al.	9/23/80	

EXAMINER

S. Reardon

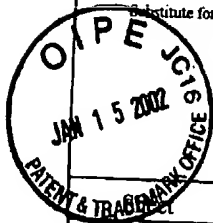
DATE CONSIDERED

11/14/07

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A
Approved for use through 10/7/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



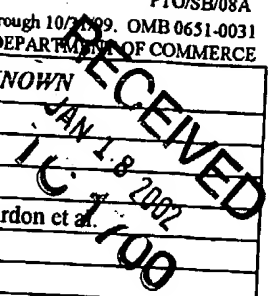
Institute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number 09/893,315
Confirmation Number 2812
Filing Date 06/26/2001
First Named Inventor Timothy J. Reardon et al.
Group Art Unit 1734
Examiner Name
Attorney Docket No. 29195.8161US



2	of	6
GPC	•	4,232,328
	•	4,252,137
	•	4,264,374
	•	4,267,212
	•	4,270,248
	•	4,282,825
	•	4,290,384
	•	4,313,266
	•	4,339,297
	•	4,344,743
	•	4,378,511
	•	4,403,617
	•	4,416,213
	•	4,429,912
	•	4,429,983
	•	4,437,812
	•	4,457,259
	•	4,457,419
	•	4,475,665
	•	4,483,665
	•	4,519,846
	•	4,542,038
	•	4,580,699
	•	4,588,185
	•	4,590,094
	•	4,601,627
	•	4,605,479
	•	4,651,440
		Hartman et al.
		Cohen
		Beyer et al.
		Sakawaki
		Akashi
		Nagatomo et al.
		Ausschnitt et al.
		Tam
		Aigo
		Bessman et al.
		Simovits, Jr.
		Tretinyak
		Sakiya
		Smith, Jr.
		Cortellino et al.
		Abu-Shumays et al.
		Samuels
		Ogami et al.
		Norton
		Hauser
		Aigo
		Odaka et al.
		Black et al.
		Shoda et al.
		Ringer, Jr.
		Oka et al.
		Faith, Jr.
		Karl
		11/4/80
		2/24/81
		4/28/81
		5/12/81
		6/2/81
		8/11/81
		9/22/81
		2/2/82
		7/13/82
		8/17/82
		3/29/83
		9/13/83
		11/22/83
		2/7/84
		2/7/84
		3/20/84
		7/3/84
		7/3/84
		10/9/84
		11/20/84
		5/28/85
		9/17/85
		4/8/86
		5/13/86
		5/20/86
		7/22/86
		8/12/86
		3/24/87

EXAMINER

St Karl

DATE CONSIDERED

11/14/04

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Please type a plus sign (+) inside this box → +

PTO/SB/08A
Approved for use through 10/31/99. PAB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/893,315
Confirmation Number	2812
Filing Date	06/26/2001
First Named Inventor	Timothy J. Reardon et al.
Group Art Unit	1734
Examiner Name	
Attorney Docket No.	29195.8161US

	3	of	6		
GRK	•	4,668,334	Doornveld	5/26/87	
	•	4,687,542	Davis et al.	8/18/87	
	•	4,688,918	Suzuki et al.	8/25/87	
	•	4,693,777	Hazano et al.	9/15/87	
	•	4,709,858	Stern et al.	12/1/87	
	•	4,724,317	Brown et al.	2/9/88	
	•	4,736,758	Kusuhara	4/12/88	
	•	4,745,422	Matsuoka et al.	5/17/88	
	•	4,749,440	Blackwood et al.	6/7/88	
	•	4,778,559	McNeilly	10/18/88	
	•	4,788,994	Shinbara	12/6/88	
	•	4,793,282	Greenberg et al.	12/27/88	
	•	4,797,316	Hecq et al.	1/10/89	
	•	4,804,560	Shioya et al.	2/14/89	
	•	4,830,882	Ichinose et al.	5/16/89	
	•	4,832,580	Tsuyoshi et al.	5/23/89	
	•	4,857,142	Syverson	8/15/89	
	•	4,863,066	Uffenheimer et al.	9/5/89	
	•	4,865,641	Sasse et al.	9/12/89	
	•	4,871,417	Nishizawa et al.	10/3/89	
	•	4,875,824	Moe et al.	10/24/89	
	•	4,885,047	Ury et al.	12/5/89	
	•	4,895,099	D'Amato	1/23/90	
	•	4,900,395	Syverson et al.	2/13/90	
	•	4,923,054	Ohtani et al.	5/8/90	
	•	4,924,800	Tanaka	5/15/90	
	•	4,932,353	Kawata et al.	6/12/90	
↓	•	4,936,940	Kawasumi et al.	6/26/90	

EXAMINER

J. R. K. L. M.

DATE CONSIDERED

11/14/04

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Please type a plus sign (+) inside this box → +

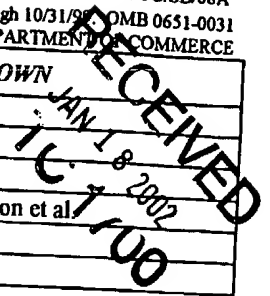
PTO/SB/08A
Approved for use through 10/31/99 OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Substitute for form 1449A/PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/893,315
Confirmation Number	2812
Filing Date	06/26/2001
First Named Inventor	Timothy J. Reardon et al.
Group Art Unit	1734
Examiner Name	
Attorney Docket No.	29195.8161US



4		of	6
OK	• 4,938,691	Ohkase et al.	7/3/90
	• 4,944,837	Nishikawa et al.	7/31/90
	• 4,960,406	Gorodissky et al.	10/2/90
	• 4,977,688	Roberson, Jr. et al.	12/18/90
	• 4,987,854	Hall	1/29/91
	• 4,996,080	Daraktchiev	2/26/91
	• 5,002,008	Ushijima et al.	3/26/91
	• 5,056,462	Perkins et al.	10/15/91
	• 5,065,692	Hollesen et al.	11/19/91
	• 5,085,560	Thompson et al.	2/4/92
	• 5,094,884	Hillman et al.	3/10/92
	• 5,127,362	Iwatsu et al.	7/7/92
	• 5,168,886	Thompson et al.	12/8/92
	• 5,168,887	Thompson et al.	12/8/92
	• 5,183,508	Cholinski	2/2/93
	• 5,192,087	Kawashima et al.	3/9/93
	• 5,224,503	Thompson et al.	7/6/93
	• 5,232,328	Owczarz et al.	8/3/93
	• 5,235,995	Bergman et al.	8/17/93
	• 5,252,137	Tateyama et al.	10/12/93
	• 5,270,248	Rosenblum et al.	12/14/93
	• 5,358,740	Bornside et al.	10/25/94
	• 5,378,511	Cardinali et al.	1/3/95
	• 5,395,803	Adams	3/7/95
	• 5,403,617	Haaland	4/4/95
	• 5,429,912	Neoh	7/4/95
	• 5,431,421	Thompson et al.	7/11/95

EXAMINER 	DATE CONSIDERED 1/14/04
<p>* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).</p>	

Please type a plus sign (+) inside this box → +

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

REC-18-200-1700



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/893,315
Confirmation Number	2812
Filing Date	06/26/2001
First Named Inventor	Timothy J. Reardon et al.
Group Art Unit	1734
Examiner Name	
Attorney Docket No.	29195.8161US

Sheet 5 of 6

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
GRB	*	JPO	JP1-204427		Hitachi Ltd.	8/17/89		
	*	JPO	JP1-304732		Kubota Corp.	11/17/98		
	*	JPO	JP231330		Seiichirou Sougou	11/16/85		
	*	JPO	JP3010-974		Matsushita Electric Ind. Co. Ltd.	8/15/79		
	*	JPO	JP45-40458			12/70		
	*	JPO	JP54-161275		Toshiba Corp.	12/20/79		
	*	JPO	JP54-71991		Matsushita Electronics Corp.	6/8/79		
	*	JPO	JP56-88320		Fujitsu Ltd.	7/17/81		
	*	JPO	JP58-19475		Asahi Chem. Ind. Co. Ltd.	2/4/83		
	*	JPO	JP59-166675		Fujitsu KK	9/20/84		
	*	JPO	JP61-148820		Hitachi Ltd.	7/7/86		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T
GRB	*	Moreau et al., "Wafer Cleaner System", IBM Technical Disclosure Bulletin, Vol. 19, No. 10, pp. 2905-2906 (Mar. 1972).	
	*	Beyer et al., "IBM Tech. Disc. Bull.", Etching of SiO ₂ in Gaseous HF/H ₂ O, Vol. 19, No. 7, Dec. 1976, p. 2513.	
	*	Van der Heide, P.A. M., et al., "Etching of Thin SiO ₂ Layers Using Wet HF Gas", J. Vac. Sci. Technol., A7(3), pp. 1719-1723, (May/Jun. 1989).	
	*	Burggraaf, Pieter, "Vapor-Phase Cleaning at Reduced Pressure", Semiconductor International, p. 36, (Dec. 1989).	
	*	Product Brochure, "Preliminary Product Information-EDGE 2000", Advantage, Production Technology Incorporated (1989).	

EXAMINER

[Signature]

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Please type a plus sign (+) inside this box → +

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/893,315
Confirmation Number	2812
Filing Date	06/26/2001
First Named Inventor	Timothy J. Reardon et al.
Group Art Unit	1734
Examiner Name	
Attorney Docket No.	29195.8161US

6	of	6
GER	•	"A Mechanism of Particle Generation and a Method to Suppress Particles in Vapor HF/H ₂ O System" in Shigeo Onishi, et al., Extended abstracts of the 22 nd (1990 International) Conference on Solid State Devices and Materials, Sendai, 1990, pp. 1127-1139.
	•	IBM Technical Disclosure Bulletin Vol. 19, No. 7, p. 2574, Dec. 1976 "Process for Reducing Gold or Copper Wafer Contamination During Oxide Removal" by M. Briska, et al.
	•	IBM Technical Disclosure Bulletin, Vol. 32, No. 1, June. 1989, "Upside-Down Resist Coating of Semiconductor Wafers".

EXAMINER

DATE CONSIDERED

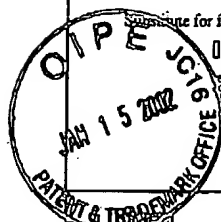
11/14/84

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Please type a plus sign (+) inside this box → +

PTO/SB/08A

Approved for use through 10/2/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Signature for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/893,315
Confirmation Number	2812
Filing Date	06/26/2001
First Named Inventor	Timothy J. Reardon et al.
Group Art Unit	1734
Examiner Name	
Attorney Docket No.	29195.8161US

1

of

5

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
GRK		3,641,973		Shrader	2/15/72	
		3,770,598		Creutz	11/6/73	
		3,798,056		Okinaka et al.	3/19/74	
		3,950,184		Adams et al.	4/13/76	
		3,962,047		Wagner	6/8/76	
		3,978,578		Murphy	9/7/76	
		4,027,686		Shortes et al.	6/7/77	
		4,092,176		Kozai et al.	5/30/78	
		4,110,176		Creutz, deceased et al.	8/29/78	
		4,113,492		Sato et al.	9/12/78	
		4,118,303		Gibbs	10/3/78	
		4,137,867		Aigo	2/6/79	
		4,170,959		Aigo	10/16/79	
		4,226,208		Nishida et al.	10/7/80	
		4,246,088		Murphy et al.	1/20/81	
		4,259,166		Whitehurst	3/31/81	
		4,280,882		Hovey	7/28/81	
		4,304,641		Grandia et al.	12/8/81	
		4,315,059		Raistrick et al.	2/9/82	
		4,336,114		Mayer et al.	6/22/82	
		4,339,313		Rechlicz	7/13/82	
		4,339,319		Aigo	7/13/82	
		4,341,613		Prusak et al.	7/27/82	
		4,351,266		Ando et al.	9/28/82	
		4,373,988		Bauser et al.	2/15/83	

EXAMINER

GRK

DATE CONSIDERED

11/14/04

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Please type a plus sign (+) inside this box → +

PTO/SB/08A
Approved for use through 10/31/99
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

RECEIVED
JAN 18 2002
IC-1700

O I P E
JAN 15 2002
PATENT & TRADEMARK OFFICE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/893,315
Confirmation Number	2812
Filing Date	06/26/2001
First Named Inventor	Timothy J. Reardon et al.
Group Art Unit	1734
Examiner Name	

Attorney Docket No.	29195.8161US
---------------------	--------------

	2	of	5		
GRLE	4,376,685			Watson	3/15/83
	4,405,416			Raistrick et al.	9/20/83
	4,428,815			Powell et al.	1/31/84
	4,435,266			Johnston	3/6/84
	4,466,864			Bacon et al.	8/21/84
	4,469,566			Wray	9/4/84
	4,489,740			Rattan et al.	12/25/84
	4,510,176			Cuthbert et al.	4/9/85
	4,514,266			Cole et al.	4/30/85
	4,518,678			Allen	5/21/85
	4,534,832			Doiron, Jr.	8/13/85
	4,565,607			Hanak et al.	1/21/86
	4,597,836			Schaer et al.	7/1/86
	4,624,749			Black et al.	11/25/86
	4,675,096			Tateishi et al.	6/23/87
	4,693,805			Quazi	9/15/87
	4,696,729			Santini	9/29/87
	4,732,785			Brewer	3/22/88
	4,750,505			Inuta et al.	6/14/88
	4,827,867			Takei et al.	5/9/89
	4,828,654			Reed	5/9/89
	4,838,978			Sekine et al.	6/13/89
	4,838,979			Nishida et al.	6/13/89
	4,856,456			Hillman et al.	8/15/89
	4,856,641			Matsumura et al.	8/15/89
	4,861,452			Stierman et al.	8/29/89
	4,861,563			Shekerjian et al.	8/29/89

EXAMINER 	DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">11/24/04</div>
<p><small>* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).</small></p>	

Please type a plus sign (+) inside this box → +

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/893,315
Confirmation Number	2812
Filing Date	06/26/2001
First Named Inventor	Timothy J. Reardon et al.
Group Art Unit	1734
Examiner Name	
Attorney Docket No.	29195.8161US

RECEIVED
JAN 18 2002
161700

OYPE JC16
JAN 15 2002
PATENT & TRADEMARK OFFICE

Sheet	3	of	5
4,879,007	Wong	11/7/89	
4,906,346	Hadersbeck et al.	3/6/90	
4,924,890	Giles et al.	5/15/90	
4,931,149	Stierman et al.	6/5/90	
5,000,827	Schuster et al.	3/19/91	
5,024,746	Stierman et al.	6/18/91	
5,039,381	Mullarkey	8/13/91	
5,055,425	Leibovitz et al.	10/8/91	
5,069,760	Tsukamoto et al.	12/3/91	
5,078,852	Yee et al.	1/7/92	
5,092,975	Yamamura et al.	3/3/92	
5,096,550	Mayer et al.	3/17/92	
5,100,502	Murdoch et al.	3/31/92	
5,100,516	Nishimura et al.	3/31/92	
5,155,336	Gronet et al.	10/13/92	
5,158,100	Tanaka et al.	10/27/92	
5,162,260	Leibovitz et al.	11/10/92	
5,169,408	Biggerstaff et al.	12/8/92	
5,222,310	Thompson et al.	6/29/93	
5,224,504	Thompson et al.	7/6/93	
5,227,041	Brogden et al.	7/13/93	
5,228,966	Murata	7/20/93	
5,230,743	Thompson et al.	7/27/93	
5,238,500	Bergman	8/24/93	
5,252,807	Chizinsky	10/12/93	
5,256,274	Poris	10/26/93	
5,259,407	Tuchida et al.	11/9/93	

EXAMINER

SRK/LM

DATE CONSIDERED

11/14/04

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Please type a plus sign (+) inside this box → +

PTO/SB/08A

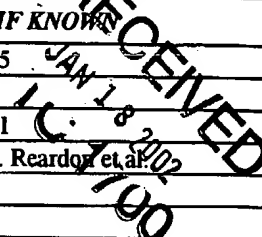
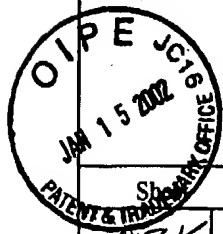
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/893,315
Confirmation Number	2812
Filing Date	06/26/2001
First Named Inventor	Timothy J. Reardon et al.
Group Art Unit	1734
Examiner Name	
Attorney Docket No.	29195.8161US



Sheet	4	of	5
5,275,976	Moslehi	1/4/94	
5,290,361	Hayashida et al.	3/1/94	
5,294,257	Kelly et al.	3/15/94	
5,312,487	Akimoto et al.	5/17/94	
5,316,974	Crank	5/31/94	
5,328,589	Martin	7/12/94	
5,232,328	Owczarz et al.	8/3/93	
5,332,487	Young, Jr. et al.	7/26/94	
5,235,995	Bergman et al.	8/17/93	
5,252,137	Tateyama et al.	10/12/93	
5,270,248	Rosenblum et al.	12/14/93	
5,340,437	Erk et al.	8/23/94	
5,349,978	Sago et al.	9/27/94	
5,368,711	Poris	11/29/94	
5,372,699	Rischke et al.	12/13/94	
5,377,708	Bergman et al.	1/3/95	
5,391,285	Lytle et al.	2/21/95	
5,405,518	Hsieh et al.	4/11/95	
5,415,890	Kloiber et al.	5/16/95	
5,421,987	Tzanavaras et al.	6/6/95	
5,429,733	Ishida	7/4/95	

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIALS	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number Kind Code (if known)				
GRK		EPO	EP0184279	Hillman et al.	6/11/86		
		EPO	EP0290218	Mears et al.	11/9/88		
		EPO	EP0360678	Syverson	3/28/90		
	&	JPO	JP 04131395	Toru et al.	5/6/92		

EXAMINER

GRK

DATE CONSIDERED

11/14/04

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Please type a plus sign (+) inside this box → +

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/893,315
Confirmation Number	2812
Filing Date	06/26/2001
First Named Inventor	Timothy J. Reardon et al.
Group Art Unit	1734
Examiner Name	
Attorney Docket No.	29195.8161US

5	of	5	
GRK	&	JPO	JP 04280993
	&	JPO	JP 58-182823
	&	JPO	JP 6017291
	&	JPO	JP 63-118093
	&	JPO	JP59-208067
		PCT	WO 97/12079
			Hirobumi et al.
			Shigeru
			Hiroyuki
			Kokichi
			Katsuhiko
			Crafts et al.
			10/6/92
			10/25/83
			1/25/94
			5/23/88
			11/26/84
			4/3/97

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T
GRK		Evan E. Patton, et al., "Automated Gold Plate-Up Bath Scope Document and Machine Specifications", Tektronix Confidential, dated August 4, 1989, pages 1-13.	
		Tektronix Invention Disclosure Form (Company Confidential), not dated, 4 pages.	

EXAMINER

SBKoch

DATE CONSIDERED

11/14/04

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).